

**Road Weather Management Program
Best Practices for Road Weather Management**

PUBLICATIONS LIST

TITLE:

EFFECTS OF VARIABLE SPEED LIMIT SIGNS ON DRIVER BEHAVIOR DURING INCLEMENT WEATHER

ABSTRACT:

On a two-mile test roadway in Salt Lake Valley, Utah; speed limits are varied based on visibility and traffic conditions using a weighted average algorithm and display via DMS. Reduction in speed deviation, reduction in crash frequency, and increase in overall mean speed resulted.

SOURCE(S):

Institute of Transportation Engineers 2000 Annual Meeting,
University of Utah

Keyword(s):

Visibility, VSL, Freeway management, Crashes, Safety, Mobility